

University of California, Davis, CA

	Course Prefix and #	Course Title	Units (Quarter)
Physical & Biological Sciences	AGR 221	Advanced Plant Breeding	4
	AMR 130	Rangelands: Ecology, Conservation and Restoration	3
	AMR 131	Identification and Ecology of Grasses	2
	AMR 134	Comparative Ecology of Major Rangeland Systems	3
	AMR 135	Ecology and Community Structure of Grassland and Savannah Herbivores	3
	BIS 1A	Introductory Biology	5
	BIS 1B	Introductory Biology	5
	BIS 101	Genes and Gene Expression	4
	BIS 101D	Genes and Gene Expression Discussion	1
	BIS 102	Structure and Function of Biomolecules	3
	BIS 103	Bioenergetics and Metabolism	3
	BIS 104	Regulation of Cell Function	3
	BIS 120	Developmental Biology of Marine Invertebrates	4
	BIS 122	Population Biology and Ecology	3
	CHE 2A	General Chemistry	5
	CHE 2B	General Chemistry	5
	CHE 2C	General Chemistry	5
	ENT 2	Biodiversity	3
	ENT 10	Natural History of Insects	3
	ENT 100	General Entomology	4

Physical & Biological Sciences, con't	ENT 100L	General Entomology Laboratory	2
	ENT 101	Functional Insect Morphology	3
	ENT 102	Insect Physiology	4
	ENT 103	Insect Systematics	3
	ENT 104	Behavioral Ecology of Insects	3
	ENT 107	California Insect Diversity	5
	ENT 109	Field Taxonomy and Ecology	7
	ENT 116	Biology of Aquatic Insects	3-5
	ENT 117	Longevity	4
	ENT 119	Apiculture	3
	ENT 153	Medical Entomology	3
	ENT 156	Biology of Parasitism	3
	ENT 156L	Biology of Parasitism Laboratory	1
	ENT 158	Forensic Entomology	3
	ENT 206	Ecology of Insect Parasitoids	4
	ENT 253	Advanced Medical Entomology	3
	ENH 6	Introduction to Environmental Plants	4
	ENH 105	Taxonomy and Ecology of Environmental Plant Families	4
	ENH 144 or ERS 144	Trees and Forests	4
	ENH 149	Evolution and Diversity of Environmental Plants	4
	ENH 150	Genetics and Plant Conservation: The Biodiversity Crisis	3
	ERS 100	Principles of Hydrological Science	4
	ERS 100L	Principles of Hydrological Sciences Laboratory	2
	ERS 121	Water and Society	3

Physical & Biological Sciences, con't	ERS 136	Chemistry of Hydrosphere	3
	ESP 10	Introduction to Environmental Studies	4
	ESP 30	The Global Ecosystem	3
	ESP 30G	The Global Ecosystem Laboratory/Discussion	2
	ESP 100	General Ecology	4
	ESP101	Human Ecology	4
	ESP 110	Principles of Environmental Science	4
	ESP 121	Population Ecology	4
	ESP 123	Introduction to Field and Laboratory Methods in Ecology	4
	ESP 125A	Field Ecology	4
	ESP 125B	Physiological Ecology	4
	EVE 2	Biodiversity	3
	EVE 100	Introduction to Evolution	4
	EVE 101	Introduction to Ecology	4
	EVE 102	Population and Quantitative Genetics	4
	EVE 104	Community Ecology	4
	EVE 108	Systematics and Evolution of Angiosperms	5
	EVE 112	Invertebrate Zoology	4
	EVE112L	Laboratory for Invertebrate Zoology	3
	EVE 117	Plant Ecology	4
	EVE 141	Principles of Systematics	3
	EVE 149	Evolution of Ecological Systems	4
	GEL 1	The Earth	4
	HYD 110	Irrigation Principles and Practices	3
	HYD 115	Irrigation and Drainage Systems	4

Physical & Biological Sciences	HYD 117	Irrigation Water Management	3
	HYD 124	Plant-Water-Soil Relationships	4
	MIC 102	General Bacteriology	4
	MIC 102L	General Bacteriology Laboratory	2
	MIC120	Microbial Ecology	3
	MIC 140	Bacterial Physiology	3
	MIC 150	Bacterial Genetics	3
	MIC 162	General Virology	4
	NEM 110	Introduction to Nematology	2
	PLB 11	Plants and the Biosphere	3
	PLB 12	Plants and People	3
	PLB 102	California Floristics	5
	PLB 105	Developmental Plant Anatomy	5
	PLB 108	Systematics and Evolution of Angiosperms	5
	PLB 111	Plant Physiology	3
	PLB 111D	Problems in Plant Physiology Discussion	1
	PLB111L	Introductory Plant Physiology Laboratory	5
	PLB 112	Plant Growth and Development	3
	PLB 112D	Problems in Plant Growth and Development Discussion	1
	PLB 113	Molecular and Cellular Biology of Plants	3
	PLB 116	Plant Morphology and Evolution Lecture	5
	PLB 117	Plant Ecology	4
	PLB 118	Introductory Phycology and Bryology	5
	PLB 142	Ecology of Crop Systems	4

Physical & Biological Sciences, con't	PLB 145	Sierra Nevada Flora	3
	PLB 147	Survey of Plant Communities of California	4
	PLB 148	Introductory Mycology	4
	PLB 152	Plant Genetics	4
	PLB 154	Introduction to Plant Breeding	4
	PLB 160	Principles of Plant Biotechnology	3
	PLP 148	Introductory Mycology	4
	PLP 150	Fungal Ecology	3
	SSC 10	Concepts of Soil Science	4
	VCR 216	Ecology and Agriculture	3
	WFC 10	Introduction to the Ecology and Conservation of Vertebrates	4
	WFC 100	Field Methods in Wildlife, Fish, and Conservation Biology	4
	WFC 101	Field Research in Wildlife Ecology	2
Crop Health	EVE119 or PLB 119	Population Biology of Weeds	3
	PLB 123	Plant-Virus-Vector Interaction	3
	PLB146	Rhizosphere Ecology	3
	PLB 157	Physiology of Environmental Stresses in Plants	4
	PLB 158	Mineral Nutrition of Plants	4
	PLB 176	Introduction to Weed Science	3
	ENT 123/ PLP 123	Plant Virus Vector Interaction	3
Crop Health, con't	ENH 129	Analysis of Horticultural Problems	4

	ENH 160	Restoration Ecology	4
	ENH 229	Analysis of Horticultural Problems	5
	ERS 173	Humans and Vegetation Change	4
	NEM 100	General Plant Nematology	4
	NEM 203	Ecology of Parasitic Nematodes	2
	PLP 120	Introduction to Plant Pathology	4
	PLP 226	Plant Virology	5
	PLP 228	Plant Bacteriology	5
	SSC 109	Nutrient Cycling and Management	5
	SSC 111	Soil Microbiology	4
Pest Management			
<i>Systems</i>	AMR 49	Organic Crop Production Practices	3
	AMR 105	Concepts in Pest Management	3
	AMR 137	Field Course in Rangeland Monitoring and Management	2
	AMR 150	Cropping Systems of the World	4
	AMR 160	Agroforestry: Global and Local Perspectives	3
	ENT 110	Arthropod Pest Management	5
	IAD 162/Pomology 162	Field Course in Tropical Ecology and Sustainable Agricultural Development	11
	VCR 216	Ecology and Agriculture	3
	VEN 118	Grapevine Pests, Diseases and Disorders	3
Pest Management, (Systems) con't	ESP 126	Environmental and Occupational Epidemiology	4

	PLP 208	Ecology of Plant Pathogens and Epidemiology of Plant Diseases	4
	WFC 152	Ecological Management of Problem Wildlife	
Methods	PLP 209	Principles of Plant Disease Control	3
	PLB 177	Action of Herbicides	3
	ABT 233	Pest Control Practices	
	ENT 135	Introduction to Biological Control	4
	ENT 230	Advanced Biological Control	4
	ETX 10	Introduction to Toxicology	3
	ETX 101	Principles of Environmental Toxicology	3
	ETX 112A	Toxicants in the Environment	3
	NEM 204	Management of Plant-Parasitic Nematodes	2
	NEM 205	Insect Nematology and Biological Control	2
	PLP 205A-205B	Diseases of Vegetable and Field Crops	4-1
	PLP 206A-206B	Diseases of Fruit, Nut, and Vine Crops	3-1
Production Systems	AMR 1	Agriculture, Nature and Society	3
	AMR 107	Small Fruit Production	2
	AMR 110A	Principles of Agronomic Crop Production in Temperate and Tropical Systems	3
Production Systems, con't	110B	Management of Agronomic Crops in Temperate and Tropical Systems	3

	110C	Crop Management Systems for Vegetable Production	3
	AMR 110L	Principles of Agronomy Laboratory	1
	AMR 118	Seed Production and Quality	4
	AMR 170A	Fruit and Nut Cropping Systems	2
	AMR170B	Fruit and Nut Cropping Systems	2
	ABT 175	Introduction to Precision Agriculture	3
	PLB 142	Ecology of Crop Systems	4
	PLB 143	Evolution of Crop Plants	3
	PLB 144	Trees and Forests	4
	PLB 171	Plant Propagation	4
	PLB 173	Biological Applications in Fruit Tree Management	2
	PLB 174	Biological Applications in Fruit Production	2
	PLB 175	Applied Plant Biology	4
	ENT 119	Apiculture	3
	ENH 100	Urban Forestry	4
	ENH 102	Physiological Principles in Environmental Horticulture	4
	ENH 125	Greenhouse and Nursery Crop Production	5
	ENH 130	Turfgrass and Amenity Grassland Utilization and Management	4
Production Systems, con't	ENH 133	Woody Plants in the Landscape: Growth, Ecology and Management	4

	ESP 125C	Applied Conservation Biology	4
	IAD 160/ Pomology 162	Agroforestry: Global and Local Perspectives	3
	PLP 40	Edible Mushroom Cultivation	2
	VEN 2	Introduction to Viticulture	2
	VEN 101A	Viticultural Practices	2
	VEN 101B	Viticultural Practices	2
	VEN 101C	Viticultural Practices	2
	VEN 115	Raisin and Table Grape Production	2
	VEN 116	Winegrape Production	3
	VEN 216	Vineyard Establishment and Development	4
	ANS 2	Introductory Animal Science	4
	ANS 15	Introductory Horse Husbandry	3
	ANS 41	Domestic Animal Production	2
	ANS 41L	Domestic Animal Production Laboratory	2
	ANS 143	Pig and Poultry Care and Management	4
	ANS 144	Beef Cattle and Sheep Production	4
	ANS 146	Dairy Cattle Production	4